$\frac{0570}{0523}$

#4

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/052,879

DATE: 05/24/2002
TIME: 16:27:42

Input Set : N:\Crf3\RULE60\10052879.raw
Output Set: N:\CRF3\05242002\J052879.raw

SEQUENCE LISTING

```
 1 (1) GENERAL INFORMATION:
 2     (i) APPLICANT: Lesley J. Murray
 3                    Judy C. Young
 4     (ii) TITLE OF INVENTION: Methods for use of mpl ligands
 5                         with primitive human stem cells.
 6     (iii) NUMBER OF SEQUENCES: 6
 7     (iv) CORRESPONDENCE ADDRESS:
 8         (A) ADDRESSEE: Fish & Richardson
 9         (B) STREET: 2200 Sand Hill Road, Suite 100
10         (C) CITY: Menlo Park
11         (D) STATE: California
12         (E) COUNTRY: USA
13         (F) ZIP: 94025
14     (v) COMPUTER READABLE FORM:
15         (A) MEDIUM TYPE: Floppy disk
16         (B) COMPUTER: IBM PC compatible
17         (C) OPERATING SYSTEM: PC-DOS/MS-DOS
18         (D) SOFTWARE: AscIII
19     (vi) CURRENT APPLICATION DATA:
20         (A) APPLICATION NUMBER: US/10/052,879
21         (B) FILING DATE: 08-May-2002
22         (C) CLASSIFICATION:
23     (vii) PRIOR APPLICATION DATA:
25         (A) APPLICATION NUMBER: US/09/328,188
26         (B) FILING DATE: 08-Jun-1999
28         (A) APPLICATION NUMBER: 08/550,167
29         (B) FILING DATE: October 30, 1995
30     (viii) ATTORNEY/AGENT INFORMATION:
31         (A) NAME: Pamela Sherwood
32         (B) REGISTRATION NUMBER: 36,677
33         (C) REFERENCE/DOCKET NUMBER: 07532/003001
34     (ix) TELECOMMUNICATION INFORMATION:
35         (A) TELEPHONE: (415) 322-5070
36         (B) TELEFAX: (415) 854-0875
37 (2) INFORMATION FOR SEQ ID NO: 1:
38     (i) SEQUENCE CHARACTERISTICS:
39         (A) LENGTH: 42 base pairs
40         (B) TYPE: nucleic acid
41         (C) STRANDEDNESS: single
42         (D) TOPOLOGY: linear
43     (ii) MOLECULE TYPE: cDNA
44         (B) MAP POSITION: Positions 30, 31, 33
```

C--> 20
C--> 21

ENTERED

```
45     (ix) FEATURE:
46          (A) NAME/KEY: Inosine
47     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:                     42
48     GCTATTGCGG CCGCGAATTC GGARGAYYTN NNNTGYTTYT GG
50 (2) INFORMATION FOR SEQ ID NO: 2:
51     (i) SEQUENCE CHARACTERISTICS:
52          (A) LENGTH: 38 base pairs
53          (B) TYPE: nucleic acid
54          (C) STRANDEDNESS: single
55          (D) TOPOLOGY: linear
56     (ii) MOLECULE TYPE: cDNA
57          (B) MAP POSITION: Positions 24, 33, 34, 35
58     (ix) FEATURE:
59          (A) NAME/KEY: Inosine
60     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:                     38
61     GCTATTCTCG AGATCGATSW CCANTCRCTC CANNNNCC
63 (2) INFORMATION FOR SEQ ID NO: 3:
64     (i) SEQUENCE CHARACTERISTICS:
65          (A) LENGTH: 38 base pairs
66          (B) TYPE: nucleic acid
67          (C) STRANDEDNESS: single
68          (D) TOPOLOGY: linear
69     (ii) MOLECULE TYPE: cDNA
70          (B) MAP POSITION: Positions 24, 26, 33, 34, 35
71     (ix) FEATURE:
72          (A) NAME/KEY: Inosine
73     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:                     38
74     GCTATTCTCG AGATCGATSW CCANNNRCTC CANNNNCC
76 (2) INFORMATION FOR SEQ ID NO: 4:
77     (i) SEQUENCE CHARACTERISTICS:
78          (A) LENGTH: 20 base pairs
79          (B) TYPE: nucleic acid
80          (C) STRANDEDNESS: single
81          (D) TOPOLOGY: linear
82     (ii) MOLECULE TYPE: cDNA
83     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:                     20
84     CGCTGCACCT CTGGGTGAAG
86 (2) INFORMATION FOR SEQ ID NO: 5:
87     (i) SEQUENCE CHARACTERISTICS:
88          (A) LENGTH: 21 base pairs
89          (B) TYPE: nucleic acid
90          (C) STRANDEDNESS: single
91          (D) TOPOLOGY: linear
92     (ii) MOLECULE TYPE: cDNA
93     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:                     21
94     AGCAGGGCAG CAGGTTTCTG T
96 (2) INFORMATION FOR SEQ ID NO: 6:
97     (i) SEQUENCE CHARACTERISTICS:
98          (A) LENGTH: 21 base pairs
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/052,879

DATE: 05/24/2002
TIME: 16:27:42

Input Set : N:\Crf3\RULE60\10052879.raw
Output Set: N:\CRF3\05242002\J052879.raw

```
99          (B) TYPE: nucleic acid
100          (C) STRANDEDNESS: single
101          (D) TOPOLOGY: linear
102    (ii) MOLECULE TYPE: cDNA
103   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:               21
104    GCTGCGCAGC TGCAGCCAGT A
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/052,879

DATE: 05/24/2002
TIME: 16:27:43

Input Set : N:\Crf3\RULE60\10052879.raw
Output Set: N:\CRF3\05242002\J052879.raw

L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]